

**ABSTRACT**

A medical apparatus flow restrictor includes a housing having an inlet and an outlet, and a fluid path defined through the housing between the inlet and the outlet. At least one pair of opposed restriction devices are seated within the housing between the inlet and outlet. The restriction devices have opposed surfaces placed in contact against each other and are disposed in the flow path such that fluid delivered through the inlet passes between the opposing surfaces prior to flowing from the outlet. The opposing surfaces have a relative degree of surface roughness and opposed surface area defined as a function of a desired flow rate of fluid through the restrictor.